



MONARCH WATER

Code for Sustainable Homes Compliance: Monarch Maximo HE Water Softeners Effective – January 2019.

All figures based on a water hardness of 300ppm.

Monarch water softeners	GS4000 HE	GS6000 HE
Capacity per regeneration	4750 litres	6650 litres
Water use per regeneration	120 litres	174 litres
Total percentage of capacity used per regeneration	2.5% ✓	2.6% ✓
Average number of regenerations cycles per day based on 105 litres per person per day water use.		
6 people	0.13	0.09
7 people	0.15	0.11
8 people	0.18	0.13
9 people	0.20	0.14
10 people	0.22	0.16
11 people	0.24	0.17
12 people	0.26	0.19
13 people	0.29	0.21
14 people	0.31	0.22
15 people	0.33	0.24
16 people	0.35	0.25
22 people	0.49	0.35
31 people	#	0.49
32 people	#	#

denotes a larger softener is recommended

✓ Code for Sustainable Homes Compliant

Suppliers to H.M. the Queens Estate at Sandringham

Monarch Water Ltd Fair Green Diss, Norfolk, IP22 4DG

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MONARCH WATER

Code for Sustainable Homes Compliance: Monarch HE & Plumbsoft Domestic Water Softeners Effective – January 2019.

All figures based on a water hardness of 300ppm.

Monarch water softeners	MiniAqua HE	Midi HE	Master HE
Capacity per regeneration	1471 litres	2280 litres	3420 litres
Water use per regeneration	44 litres	52 litres	81 litres
Total percentage of capacity used per regeneration	3.0% ✓	2.3% ✓	2.4% ✓
Average number of regenerations cycles per day based on 105 litres per person per day water use.			
1 person	0.07	0.05	0.03
2 people	0.14	0.09	0.06
3 people	0.21	0.14	0.09
4 people	0.29	0.18	0.13
5 people	0.36	0.23	0.15
6 people	0.43	0.28	0.18
7 people	0.50	0.32	0.22
8 people	#	0.38	0.25
9 people	#	0.42	0.28
10 people	#	0.46	0.31

Plumbsoft water softeners	Premio	Solo	Solo Ultra
Capacity per regeneration	734 litres	505 litres	505 litres
Water use per regeneration	24 litres	19 litres	19 litres
Total percentage of capacity used per regeneration	3.2% ✓	3.7% ✓	3.7% ✓
Average number of regenerations cycles per day based on 105 litres per person per day water use.			
1 person	0.14	0.21	0.21
2 people	0.28	0.42	0.42
3 people	0.43	0.63	0.63
4 people	0.57	0.84	0.84
5 people	0.72	1.05	1.05
6 people	0.86	1.26	1.26
7 people	1	1.47	1.47
8 people	1.14	1.68	1.68
9 people	1.28	1.89	1.89
10 people	1.43	#	#

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